



DEPARTMENT OF WATER RESOURCES
EXAMINATION ANNOUNCEMENT



The Department of Water Resources offers Equal Opportunity for all regardless of race, color, creed, national origin, ancestry, sex, marital status, disability, religious or political affiliation, age, or sexual orientation.

It is an objective of the State of California to achieve a drug-free State workplace. Any applicant for State employment will be expected to behave in accordance with this objective because the use of illegal drugs is inconsistent with the law of the State, the rules governing civil service and the special trust placed in public servants.

PRINCIPAL HYDROELECTRIC POWER UTILITY ENGINEER
DEPARTMENTAL PROMOTIONAL – SPOT
CONTINUOUS

THIS BULLETIN, RELEASED 11/07/2013 CANCELS AND SUPERCEEDS ANY PREVIOUS BULLETINS

CONTINUOUS FILING	<p>Revised application forms (STD 678 Rev. 6/2010) may be postmarked or submitted in person, on a continuous basis. FAXED APPLICATIONS WILL NOT BE ACCEPTED.</p> <p>CUT-OFF DATES for receipt of applications is November 22, 2013 for this administration. Applications postmarked or personally delivered after the cut-off dates will be held for the next administration</p>												
WHO SHOULD APPLY	<p>Applicants must have a permanent civil service appointment with the Department of Water Resources as of the final filing date, NOVEMBER 22, 2013.</p> <p>Must be current or former employee of the Legislature for two or more years as defined in Government code 18990; or must be a current or former non-elected exempt employee of the Executive Branch for two or more consecutive years as defined in Government Code 18992; or must be a person retired from the United States military, honorably discharged from active military duty with a service-connected disability, or honorably discharged from active duty as defined in government Code 18991. Persons who apply for this examination using Veteran's experience must submit a copy of their DD214 along with the Standard State Application (STD 678 REV. 6/2010)</p>												
HOW TO APPLY	<p>You must submit the Examination Application (STD 678 Rev. 6/2010) by the final filing date, NOVEMBER 22, 2013.</p> <p><u>Submit the completed Examination Application by mail or in person.</u></p> <table><tr><td>MAILING ADDRESS:</td><td>OR</td><td>SUBMIT IN PERSON:</td></tr><tr><td>Department of Water Resources</td><td></td><td>Department of Water Resources</td></tr><tr><td>P.O. Box 942836</td><td></td><td>1416 9th Street, Room 320</td></tr><tr><td>Sacramento, CA 94236-0001</td><td></td><td>Sacramento, CA 95814</td></tr></table> <p>DO NOT SEND APPLICATIONS TO CALIFORNIA HUMAN RESOURCES DEPARTMENT (CALHR) OR DEPARTMENT OF WATER RESOURCES' (DWR) FIELD OFFICES. Applications are available at Department of Water Resources' (DWR) offices, the DWR website: www.water.ca.gov/jobs/currentexams.cfm local office of the Employment Development Department, and California Human Resources (CalHR), at: www.jobs.ca.gov and click "My Profile".</p>	MAILING ADDRESS:	OR	SUBMIT IN PERSON:	Department of Water Resources		Department of Water Resources	P.O. Box 942836		1416 9 th Street, Room 320	Sacramento, CA 94236-0001		Sacramento, CA 95814
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IDENTIFICATION REQUIRED	Accepted applicants are required to bring either a photo identification card or two forms of signed identification to each phase of the examination.												
SPECIAL TESTING ARRANGEMENTS	If you have a disability and need special testing arrangements, mark the appropriate box in Question 2 of the "Application for Examination". You will be contacted to make specific arrangements.												
SALARY RANGE	\$9842 - \$11,179												
ELIGIBLE LIST INFORMATION	A departmental promotional merged list will be established for the Department of Water Resources. The names of successful competitors will be merged on the eligible list in order of final scores regardless of test date. Eligibility expires 18 months after it is established. Competitors must then retest to re-establish eligibility.												
TESTING PERIOD	The testing period for this classification is 18 months. Once you have taken the examination, you may not reapply for 18 months												
REQUIREMENTS FOR ADMITTANCE TO THE EXAMINATION	<p>NOTE: All applicants must meet the minimum qualifications for this examination by the cut-off date.</p> <p>Qualifying experience may be combined on a proportionate basis if the requirements stated below include more than one pattern and are distinguished as "Either" I, "or" II, "or" III, etc. For example, candidates possessing qualifying experience amounting to 50% of the required time of Pattern I, and additional experience amounting to 50% of the required time of Pattern II, may be admitted to an examination as meeting 100% of the overall experience requirement.</p> <p>Education: Graduation from college with major work in electrical, electronic, mechanical, or civil engineering. (Additional qualifying experience may be substituted for the required education on a year-for-year basis.) And</p> <p>Either I</p> <p>Two years of experience at the Supervising Hydroelectric Power Utility Engineer in California State Service.</p> <p>Or II</p> <p>Five years of progressively responsible engineering experience in the electric utilities field and/or in the operation and maintenance of pumping and generating equipment, at least two years of which shall have been comparable in responsibility to that of a Supervising Hydroelectric Power Utility Engineer.</p>												

SEE REVERSE SIDE FOR ADDITIONAL INFORMATION

PRINCIPAL HYDROELECTRIC POWER UTILITY ENGINEER		FINAL FILING DATE: CONTINUOUS	
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POSITION DESCRIPTION		As a Principal Hydroelectric Power Utility Engineer, incumbents will plan, organize, direct, and manage activities in the electric utilities field and / or operation and maintenance of pumping and generating equipment. <i>Positions exist in Sacramento with the Department of Water Resources.</i>	
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SCOPE OF EXAMINATION		Qualifications Appraisal Interview – Weighted 100%	
In addition to evaluating the competitors' relative abilities as demonstrated by quality and breadth of experience, emphasis in the examining interview will be on measuring competitively, relative to job demands, each competitor's:			
A. Knowledge of:			
1. Engineering theory and practices relating to power generation, transmission, distribution, and marketing.			
2. Electric utility operation and management.			
3. Functions, responsibilities, and procedures of regulatory and government agencies including the Public Utilities Commission, the Federal Energy Regulatory Commission, California Independent System Operator, and the California Energy Commission in the electric utility field.			
4. Planning, design, construction, and operation of major generating plants, power transmission systems and pumping plants.			
5. Methods of determining the optimum capacity and energy output of generating plants.			
6. Power marketing and economics, including the market for and value of electric power, methods of marketing power and rates, agreements.			
7. Operating, maintaining and testing of electrical and mechanical equipment and systems for plants, switchyards, reservoir outlets and aqueduct control features.			
8. Unit operating and loading procedures and criteria.			
9. Standards of the American National Standards Institute, Institute of Electrical and Electronic Engineers, and American Society of Mechanical Engineers.			
10. Instrumentation and control circuitry and electrical protection.			
11. Servo systems and governors, bearings, lubrication, metal working, machining and welding, and nondestructive examination.			
12. Alignment and balancing of rotating machinery including vibration measurement.			
13. Methods of maintenance, repair, and testing.			
14. Power system operation and control.			
15. Power system studies, load flow, stability, and fault analyses.			
16. The Department's Equal Employment Program objectives.			
17. A manager's role in the Equal Employment Program, and the processes available to meet these objectives.			
B. Ability to:			
1. Analyze situations accurately and adopt an effective course of action.			
2. Prepare clear and concise reports.			
3. Prepare procedures and manuals.			
4. Make feasibility studies.			
5. Interpret, prepare and revise electrical and mechanical drawings and schematics and relay and control logic diagrams.			
6. Assist and advise others on maintenance and repair procedures, materials and tools.			
7. Negotiate, administer, and coordinate contracts such as for power, maintenance, repair, testing and consultation.			
8. Use personal computers.			
9. Prepare comprehensive reports and correspondence.			
10. Establish and maintain effective public relations.			
11. Effectively contribute to the Department's Equal Employment Program objectives.			
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VETERANS PREFERENCE		Veterans Preference Credit is not granted in promotional examinations.	
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GENERAL INFORMATION			
The Department of Water Resources reserves the right to revise the examination plan to better meet the needs of the service if the circumstances under which this examination was planned change. Such revision will be in accordance with civil service laws and rules and all competitors will be notified.			
For any examination without a written feature it is the candidate's responsibility to contact the Selection Services Section of the Department of Water Resources, (916) 653-4838 three weeks after the final filing date if he/she has not received a progress notice.			
Applications are available at Department of Water Resources' (DWR) offices, the DWR website: www.water.ca.gov/jobs/currentexams.cfm , local office of the Employment Development Department, California Human Resources (CalHR), the CalHR website at: www.jobs.ca.gov , and click "My Profile".			
If you meet the requirements stated on the reverse, you may take this examination, which is competitive. Possession of the entrance requirement does not assure a place on the eligible list. All candidates who pass will be ranked according to their scores.			
General Qualifications: Candidates must possess essential personal qualifications including integrity, initiative, dependability, good judgment, and ability to work cooperatively with others; and a state of health consistent with the ability to perform the assigned duties of the classification.			
Examination Locations: When a written test is part of the examination, it will be given in such places in California as the number of candidates and conditions warrant. Ordinarily, qualifications appraisal interviews are scheduled in Sacramento and Los Angeles. However, locations of interviews may be limited or extended as conditions warrant.			
If a candidate's notice of oral interview fails to reach him/her prior to the day of the interview due to a verified postal error, he/she will be rescheduled upon written request.			
Eligible Lists: Eligible lists established by competitive examination, regardless of date, must be used in the following order: 1) subdivisional promotional, 2) departmental promotional, 3) multidepartment promotional, 4) service wide promotional, 5) departmental open, 6) open eligible list. When there are two lists of the same kind, the older must be used first. Eligible lists will expire in one to four years unless otherwise stated on this bulletin. In the case of continuous testing examinations, names are merged into the appropriate lists in order of final test scores (except as modified by veterans preference credits) regardless of the date of the test, and the resulting eligible lists will be used only to fill vacancies in the area shown on the bulletin.			
Promotional Examinations Only: Competition is limited to employees who have a permanent civil service appointment. Under certain circumstances other employees may be allowed to compete under provisions of Rules 234, 235 and 235.2. State Personnel Board Rules 233, 234, 235, 235.2 and 237 contain provisions regarding civil service status and eligibility for promotional examinations. These rules may be reviewed at departmental personnel officers or at the Information Counter of State Personnel Board offices.			
Devices for Communications Impairment			
TDD is Telecommunications Device for the Deaf and is reachable only from phones equipped with a TDD Device. California Relay Telephone Service for the Deaf or hearing impaired: From TDD phones: 1-800-735-2929; From Voice phones: 1-800-735-2922.			
For information regarding this examination, please contact Laura Franco at (916) 653-5803.			
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D/P (Rev 11/12)		LF	
PRINCIPAL HYDROELECTRIC POWER UTILITY ENGINEER		3671-H046	
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